

FORM OGC-31

STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

MAY 1 6 2012

INJECTION WELL PERMIT APPLICATION
(TO DRILL, DEEPEN, PLUG BACK, OR CONVERT AN EXISTING WELL) MO Oil & Gas Co

		oval <b>for drill</b> id official not			ection. Approva	l or deni	al for injection					rity Test results	
☑ APPLICA	TION TO I	DRILL		DEEPEN	I PLU	JG BAC	к 🗆	FOR AN	OIL WELL	-	☐ OF	R GAS WELL	
NAME OF COMPA										ATE			
Kansas Reso	rce Explo	ration & De	velopr	ment, LL	С	CITY				5/10/20 TATE		CODE	1
9393 W 110th	Street, Su	ite 500					and Park		K		1 1 200	210	
DESCRIPTIO	N OF WE	LL AND LE	EASE										1
NAME OF LEASE						WELL N			100	LEVATIO		ND	
Belton Unit					(GIVE FOOTA	RW-46	SECTION LINES	)		076 fee			-
		4245 ft.	from [	North Z	] South section lir		84 ft. from	n <b>[</b> 7] East [	] West sed	ction lin	е		
WELL LOCATION						LATITUI	DE , L	ONGITUDE	,, C	OUNTY			
					ast 🗹 West		48 50.2		41.2 C	ass			-
					OPERTY OR LEAS				EUE CAME		20 ,	EET .	
PROPOSED DEPT		OR CABLE TO			CONTRACTOR, NAME			WELL ON	THE SAME	LEASE _	PPROX.	DATE WORK WILL START	
650 feet	Rotary		l	Utah Oil,	LLC					0	6/01/20	012	
NUMBER OF ACRE	S IN LEASE	NUMBER O	F WELL	S ON LEA	SE INCLUDING TH	IS WELL	, COMPLETED	IN OR DRIL	LING TO TH	HIS RES	ERVOIF	101	
560		NUMBER O	F ABAN	IDONED W	ELLS ON LEASE	00							
IF LEASE PURC	HASED WITH	ONE OR MC	RE WE	LLS DRILL	ED, FROM WHOM	PURCH	ASED?		NO. OF W	/ELLS	PRO	DUCING 64	
NAME DE EX	oloration											JECTION 28	
ADDRESS 459	5 Highway	K33, Well	sville,	KS 6609	92							NACTIVE 8	
		Tr	1 SING	SLE WELI			☑ BLANKI	ET BOND	oK			N FILE	1
	S OF BOND		AMO	UNT \$			AMOUN	T \$ 80,00	0		□ A	TTACHED IE AND EXPECTED NEW	
INJECTION ZONE;													
	PROF	OSED CASIN	IG PRO	GRAM	,		APPROVE	CASING -	TO BE FILL	ED IN E	BY STAT	E GEOLOGIST	
AMOUNT		ZE		r/FT	CEM.	_	AMOUNT	SIZ	E		r/FT	CEM.	nu.
20'		7"	_	14	5 sks		20'	27/8	2 11	-	-	Full	5/23/1d
650'	21	7/8"	О	5.5	125 sks	6	50	2.78	5	6.	3	Length	5/23/100
						+							1
I, the Unders report, and th complete to the	at this repo	ort was pre	pared	OO_ of t under m	the <u>KREd</u> (Cor y supervision a	npany) nd dire	, and that I a	am authori at the fact	ized by sa s stated t	aid con herein	npany are tru	to make this ue, correct, and	
SIGNATURE	11	1/							D	ATE_	11-1	1	
	1									>	IWI	17	
PERMIT NUMBER	- 7A	932			DRILLER'S LO	G REQL	IIRED		E-LOGS RI				
APPROVED DATE	20	100			CORE ANALY		UIRED IF RUN	) M	DRILL SYS	STEM TE	ST INFO	D REQUIRED IF RUN	
	6-4	-12	4.		SAMPLES RE		BED						
APPROVED BY	ach	1	1		SAMPLES NO  WATER SAME								
NOTÉ ▶	THIS PERI	MIT BY TH	E OIL	AND GA	LE TO ANY OTI S COUNCIL DO L NOR ENDOR	DES N	OT CONSTI	TUTE EN	DORSEN	MENT (	OF TH		

MO 780-0212 (6-06)

REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM, PO BOX 250, ROLLA, MO 65402 573/368-2143.

### ONE (1) COPY WILL BE RETURNED.

approval of this permit will be shown on the	m that an approved drilling permit has been obtained by the owner of this well. Council is form by presence of a permit number and signature of authorized council representative.
DRILLER'S SIGNATURE	DATE 5/10/17
PROFOSED OPERATIONS DATA	
PROPOSED AVERAGE DAILY INJECTION,	PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL
APPROVED AVERAGE DAILY INJECTION, (TO BE FILLED IN BY STATE GEOLOGIST)	PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL
PROPOSED MAXIMUM DAILY INJECTION,	PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL
APPROVED MAXIMUM DAILY INJECTION, (TO BE FILLED IN BY STATE GEOLOGIST)	PRESSURE 300 PSIG, RATE 300 BPD/GPM, VOLUME 100 BBL/GAL
ESTIMATED FRACTURE PRESSURE GRADIENT O	FINJECTION ZONE 0.4 PSI/FOOT
DESCRIBE THE SOURCE OF THE INJECTION FLU	
	ALYSIS OF THE INJECTION FLUID. (SUBMIT ON SEPARATE SHEET)
	ED INJECTION FLUID WITH THAT OF THE RECEIVING FORMATIONS, INCLUDIUNG TOTAL DISSOLVED
We have been using these injection fluids injection fluids consist of recycled formatio	since the waterflood began with no issues. The formations respond to injection fluids. The n water and fresh water.
AND PERMEABILITY.  The upper, middle, and lower Squirrel San Squirrel is generally 30 feet thick with 21%	dstone depth ranges from 516-615 feet with an average thickness of 90 feet. The upper average porosity and 172 millidarcy's average permeability. The middle Squirrel is prosity and 1,000 millidarcy's average permeability. The lower Squirrel is generally 40 feet millidarcy's average permeability.
AND PERMEABILITY.  The confining layers of the Squirrel Sandsi below the sandstone. The Fort Scott conta Creek limestone that has a total thickness	FINING ZONES INCLUDING LITHOLOGIC DESCRIPTION, GEOLOGIC NAME, THICKNESS, DEPTH, POROSITY, tone consist of the the Fort Scott group above the sandstone and the Verdigris formation tins two prominent shales, the Blackwater Creek and the Excello, as well as the Blackjack of 30-50 feet. The Verdigris formation consists of the the Ardmore limestone member and 20-40 feet. The zones are impermeable at less than 3% porosity.
SUBMIT ALL AVAILABLE LOGGING AND TESTING	DATA ON THE WELL
(1/2 MILE RADIUS AROUND WELL). INCLUDE THE	EEDING CORRECTIVE ACTION THAT PENETRATES THE INJECTION ZONE IN THE AREA OF REVIEW : REASON FOR AND PROPOSED CORRECTIVE ACTION.
No corrective action needed.	



### STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

### INJECTION WELL LOCATION PLAT

OWNER'S NAME						
Kansas Resource Exploration & Develop	pment, LLC (K.R.E.D)			COUNTY		
Belton Unit - RW-46				Cass		
WELL LOCATION	(GIVE FOOTAGE FROM	SECTION LINES)		1		
4245 ft. from □ No	rth 🛮 South section line	3184 ft. from	n <b>I∕</b> IEast □	West section	n line	
WELL LOCATION						
Sec. 16 Township 46 North Range	33 🗌 East 🔽 We					
N38° 48' 50.264"		W94° 34' 41.	236"			
			Sec	1.16		
		RW-45	5			- ()
	k.	199' RW-45				3184
N		OK PW.	1 14			,
		1		011-	1. 1	
Λ -			1	elton	umt	
<b>4</b>						
7						
1						
1						
			01	11 CV - 1	Zorch	
				arx-I	Da 14	
special and along						
special project status						
	l lu	715 V				
REMARKS		100				
Section 16 is an irregular section and lar	rger than one square mile.	See the attached co	mputer gene	erated map f	or further ref	erence.
Plat Map Scale - 1 Square = 682.25 feet						
That wap ocale in oqualic in ooz.25 look	•					
INSTRUCTION	ıc.	This is to certify th	nat I have exe	ecuted a sur	vev to accura	ately
INSTRUCTION		locate oil and gas	wells in acco	ordance with	10 CSR 50-	2.030 and
On the above plat, show distance of the two nearest section lines, the nearest le	proposed well from the	that the results are	e correctly sr	nown on the	above plat.	
nearest well on the same lease complet	ted in or drilling to the					
same reservoir. Do not confuse survey	lines with lease lines.					
See rule 10 CSR 50-2.030 for survey re must be marked.	equirements. Lease lines					
REGISTERED LAND SURVEY				NUMBER		

1" = 1,066.7 ft

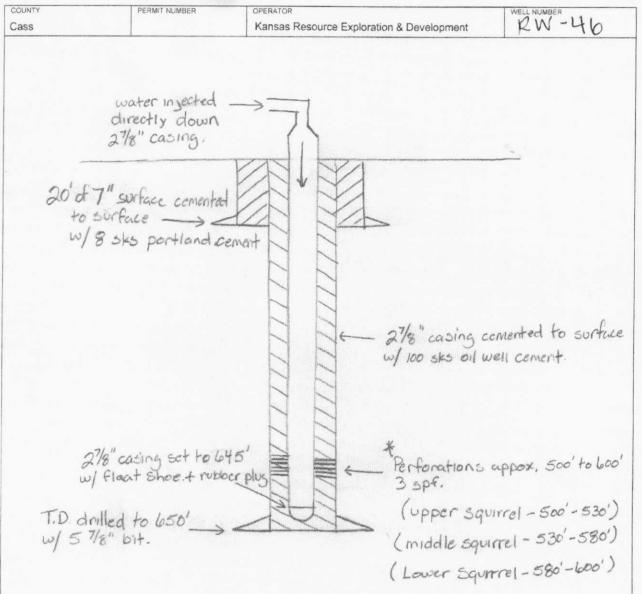
Data Zoom 14-0



STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

INJECTION WELL SCHEMATIC

OGC-11



INSTRUCTIONS ON THE ABOVE SPACE DRAW A NEAT, ACCURATE SCHEMATIC DIAGRAM OF THE APPLICANT INJECTION WELL, INCUDING THE FOLLOWING: CONFIGURATION OF WELLHEAD, TOTAL DEPTH OR PLUG BACK TOTAL DEPTH, DEPTH OF ALL INJECTION OR DISPOSAL INTERVALS, AND THEIR FORMATION NAMES, LITHOLOGY OF ALL FORMATIONS PENETRATED, DEPTHS OF THE TOPS AND BOTTOMS OF ALL CASING AND TUBING, SIZE AND GRADE OF ALL CASING AND TUBING, AND THE TYPE AND DEPTH OF PACKER, DEPTH, LOCATION, AND TYPE OF ALL CEMENT, DEPTH OF ALL PERFORATIONS AND SQUEEZE JOBS, AND GEOLOGIC NAME AND DEPTH TO BOTTOM OF ALL UNDERGROUND SOURCES OF DRINKING WATER WHICH MAY BE AFFECTED BY THE INJECTION. USE BACK IF ADDITIONAL SPACE IS NEEDED, OR ATTACH SHEET.

The surface casing is 7" in diameter and is new, limited service grade pipe. The 7" is drifted and tested to 7,000 lbs. and weighs 17 lbs. per foot. The surface casing will be set to a minimum depth of 20 feet and extend 6 inches above the surface. Approximately 8 sacks of Portland cement will be circulated to surface and will secure the well and ensure the contents of the well bore is sealed off from sources of drinking water. The production casing is used 2 7/8" EUE upset, drifted and tested to 7,000 lbs. No tubing will be ran in the injection wells, the injection fluid will be injected directly down the 2 7/8" casing. The total depth of the well will be approximately 650 feet drilled with a 5 5/8" bit. A 2 7/8" flapper type float shoe will be set at the base of the 2 7/8" casing pipe (645 feet) with centralizers installed to center the casing inside the well bore for better cement bonding. The 2 7/8" casing will be cemented from 650 feet to surface using a 2 7/8" rubber plug for displacing the cement. Approximately 100 sacks of high-grade Oil Well cement will be used to cement all wells. This cement will ensure that no contents of the pipe will leave the well bore. The top of the 2 7/8" casing will extend approximately one foot above ground level. After the cement has cured and effectively bonded to the 2 7/8" casing, perforations will be made in the Squirrel Sandstone formation from approximately 500-600 feet, depending on where the oil sand is present at this particular location. Wells will be shot with 3 perforations per foot where the squirrel sandstone oil reservoir is present and capable of water injection. No water sources are present at this depth and will not be affected by these perforations or the injection. The relevant sources of drinking water are located less than 20 feet below surface. The 7" surface pipe and durable Portland cement ensures these water sources will remain free from contamination from drilling and injection activity. Other sources of potential usable water may be present, however not always potable, in the Pennsylvanian and Mississippian formations located approximately 150 feet or deeper below the base of the Squirrel Sandstone.

The lithology of all formations penetrated by the wellbore are as follows:

<u>Formation</u>	Total Depth (feet)
Soil	0 - 2
Clay	2 - 6
Lime	6 – 28
Shale	28 – 49
Lime	49 – 64
Shale	64 – 69
Red Bed	69 – 78
Shale	78 – 82

Lime	82 – 87

Shale	431 – 443
Lime	443 – 448
Shale (Shale 452 – 453)	448 – 469
Gray Sand	469 – 471
Sdy. Shale (oil trace)	471 – 501
Very laminated Sand	501 – 502
Sandy Lime	502 – 503
Slightly lamin. Sand	503 – 504
Sandy Lime	504 – 505
Solid Sand	505 – 506.5
Shale	506.5 - 507
Slightly lamin. Sand	507 – 507.5
Sandy Shale	507.5 – 509.5
Solid Sand	509.5 – 510.5
Sandy Lime	510.5 – 511.5
Solid Sand	511.5 – 515.5
Sandy Lime	515.5 – 518
Solid Sand	518 – 520
Sandy Lime	520 – 521
Solid Sand	521 – 525
Sandy Lime	525 – 526
Laminated Sand	526 – 527
Sandy Shale	527 – 528.5
Sandy Lime	528.5 - 530
Solid Sand	530 – 533
Sandy Lime	533 – 534
Sandy Shale	534 – 535
Slightly laminated Sand	535 – 536.5

Sandy Lime	536.5 - 538

### INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other - specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or completion of information, detailing the cement, casing, and subsurface casing information.

EACE	WELL	1001701				DATE	DATE	
	NO.	560 EBON WINE SECTION	CANNEX	77	ITPE	SPUDDED	COMPLETED	CONSTRUCTION
Belton Unit	R-1	ALIZ FROM (E) SEC LINE	K.R.E.D.	619'	0	04/08/1999	04/13/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
		SEC. 16 T. 46 N.R. 33W						
Belton Unit	R-2	FROM (E) SEC LINE	K.R.E.D	600'	0	06/04/1999	06/10/1999	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert nump
		SEC. 16 T. 46 N.R. 33W						
Belton Unit	R S	FROM (E) SEC LINE	K.R.E.D	665'	0	0000/90/00	03/02/02/0	4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W		0	(	0212312000	03/02/0200	2 2/0 mbill 9/4 loas and insert bump
Belton Unit	R-4	FROM (B)(S) SEC LINE	K.R.E.D	680'	0	03/02/2000	03/07/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
		SEC. 16 T. 46 N.R. 33W						
Belton Unit	R-5	THO GROW (E) ( SEC LINE	K.R.E.D	639'	0	04/23/2000	04/25/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
		11						
Belton Unit	R-6	2890 FROM (E) SEC LINE	K.R.E.D	608'	0	04/27/2000	04/28/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
		SEC. 16 T. 46 N.R. 33W						
Belton Unit	R-7	201 FROM (E) SEC LINE	K.R.E.D	646'	0	05/01/2000	05/02/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
		SEC. 16 T. 46 N.R. 33W						
Belton Unit	R-8	FROM (E)(W) SEC LINE	K.R.E.D	655'	0	05/05/2000	05/08/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
		SEC. 16 T. 46 N.R. 33W						
Belton Unit	R-9	ANI GENOM (E) SEC LINE	K.R.E.D	651'	0	05/03/2000	05/05/2000	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
		SEC. 16 T. 46 N.R. 33W						
MO 100-1130 (02-11)								

### INSTRUCTIONS

the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete completion of information, detailing the cement, casing, and subsurface casing information. specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or

MO 780-1136 (02-11) Belton Unit LEASE R-18 R-17 R-16 R-15 R-14 R-13 R-11 WELL NO. R-12 R-10 573 FROM (V)(S) SEC LINE FROM (E) SEC LINE FROM (E) SEC LINE 3330 FROM (E) SEC LINE FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W 144 FROM(N)(S) SEC LINE 183 FROM (E)(N) SEC LINE SEC. 16 T. 46 N.R. 33W

THE FROM (S) SEC LINE

THE FROM (E) WSEC LINE FROM (EW) SEC LINE SEC. 16 SEC. 16 SEC. 16 SEC. 16 T. 46 N.R. 33W 174 FROM (WS) SEC LINE 1005 FROM (E) SEC LINE FROMUN(S) SEC LINE 16 T. 46 N.R. 33W 16 T. 46 N.R. 33V FROM N(S) SEC LINE LOCATION T. 46 N.R. 33W T. 46 N.R. 33W N.R. 33W N.R. 33W N.R. 33W N.R. 33W K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D OWNER 914.5 652.5 637 DEPTH 686 621 620 626 642 627 TYPE 0 0 0 0 0 0 0 0 0 01/29/2004 01/07/2004 05/22/2000 05/16/2000 10/13/2003 09/17/2001 05/15/2000 05/10/2000 DATE SPUDDED 12/15/2000 DATE COMPLETED 01/09/2004 01/30/2004 09/19/2001 10/15/2003 05/24/2000 05/18/2000 05/12/2000 05/16/2000 12/20/2000 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump CONSTRUCTION

### INSTRUCTIONS

In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or

completion of information, detailing the cement, casing, and subsurface casing information.

	WEI -						TO STATE OF THE PARTY OF THE PA	
LEASE	NO.	LOCATION	OWNER	DEPTH	TYPE	SPUDDED	DATE	CONSTRUCTION
Belton Unit	R-19	2010FROM (E) SEC LINE	K.R.E.D.	621.5'	0	02/12/2004	02/13/2004	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-20	ROM (N)S	K.R.E.D	661'	0	01/18/2008	01/22/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-21	2015 FROM (N)(S) SEC LINE 2015 FROM (By/W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D	635'	0	01/14/2008	01/16/2008	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-22	FROM (N) SEC LINE (N) FROM (E) W) SEC LINE (E) W) SEC LINE (E) W. SEC. 16 T. 46 N.R. 33W	K.R.E.D	660'	0	12/04/2008	V/7	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-23	DFROM (N)(6) SEC LINE 2435FROM (E)(W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D	660'	0	C	2/2	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-24	2475 FROM (N) SEC LINE 2475 FROM (B)(W) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D	658'	0	01/25/2008	ZP	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-25	SEC. 16 T. 46 N.R. 33W	K.R.E.D	660'	0	C	で/ア	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump
Belton Unit	R-1	368 FROM(M)(S) SEC LINE 2.64 FROM (E)(M)SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D	623'	-	07/26/2000	08/31/2000	4 1/2" casing cemented to surface
Belton Unit	RI-2	795 FROM (IX)S) SEC LINE 253 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	K.R.E.D	627'	-	U	C	4 1/2" casing cemented to surface
MO /80-1136 (02-11)								

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MO 780-1136 (02-11) Belton Unit WSW-13531 FROM (EW) SEC LINE RW-9 RW-8 **RW-7** C-18 RI-6 RI-4 WELL NO. RI-5 RI-3 THY FROM (E) SEC LINE A187 FROM (E) SEC LINE ATTORNOM (EM SEC LINE 3115 FROM (E) SEC LINE FROM (E) SEC LINE SEC. 16 Haw FROM (E) SEC LINE A196 FROM (E) WSEC LINE FROM (N)(S) SEC LINE 30) FROM (E) SEC LINE SEC. 16 SEC. 16 T. 46 N.R. 33W FROM(N)(S) SEC LINE FROM (S) SEC LINE 16 T. 46 N.R. 33V FROM(N)(S) SEC LINE FROM (N)(S) SEC LINE T. 46 N.R. 33W LOCATION T. 46 N.R. 33W T. 46 N.R. 33W T. 46 N.R. 33W T. 46 N.R. 33W N.R. 33W N.R. 33W N.R. 33W K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D OWNER 647.5 641.5 DEPTH 638' 571' 891' 644' 637' 641' 635 Plugged TYPE 8 01/13/2004 02/12/2004 02/10/2004 04/16/2001 08/25/2000 DATE SPUDDED C DATE 04/14/2001 01/15/2004 02/11/2004 08/29/2000 02/13/2004 C 4 1/2" casing cemented to surface Squeezed 4 1/2" casing cemented to surface 4 1/2" casing cemented to surface 4 1/2" casing cemented to surface CONSTRUCTION

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MO 780-1136 (02-11) Belton Unit SEC. 16 T. 46 N.R. 33V 35-10 FROM (NXS)SEC LINE RW-19 FROM (F)(W) SEC LINE SEC. 16 T. 46 N.R. 33W **341** FROM (S) SEC LINE RW-11 FROM (E) (SEC LINE FROM (N) SEC LINE FROM (B) (W) SEC LINE RW-10 FROM (E) SEC LINE RW-16 STS FROM (E)W) SEC LINE RW-13 AD-2 WELL NO. AD-3 AD-1 2000 FROM (E)W) SEC LINE 220 FROM (NS) SEC LINE 1872 FROM (E) SEC LINE BOOFROM (E)( SEC LINE SEC. 9 AIA FROM (N SSEC LINE SEC. 16 T. 46 N.R. 33W PW FROM (N) SEC LINE O22 FROM (N)(S) SEC LINE SEC. 9 T. 46 N.R. 33W 220 FROM (N)SEC LINE SEC. 16 T. 46 N.R. 33W 16 T. 46 N.R. 33W T. 46 N.R. 33W T. 46 T. 46 N.R. 33W LOCATION T. 46 N.R. 33W N.R. 33W N.R. 33W K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D 615 DEPTH 637 657 660' 660' 697 661' 652 678 TYPE 0 0 0 02/06/2004 02/04/2004 08/31/1987 11/26/2008 02/02/2004 SPUDDED 12/08/2008 12/03/2007 12/02/2008 2/06/2007 DATE 01/04/2008 02/09/2004 02/06/2004 02/03/2004 12/10/2007 NA NA グダ 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 4 1/2" casing cemented to surface 4 1/2" casing cemented to surface CONSTRUCTION

### INSTRUCTIONS

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						SEC. 9 T. 46 N.R. 3344		MO 780-1136 (02-11)
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	02/26/2008	01/23/2008	0	710'	K.R.E.D	FROM (E)	AD-12	Belton Unit
4 1/2" casing cemented to surface Squeezed cement into formation to surface on 03/19/2012	14861	1381	Plugged	665'	K.R.E.D	521 FROM (N) SEC LINE  TROM (E) SEC LINE  SEC. 9 T.46 N.R. 33W	AD-11	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	07/21/1987	05/25/1987	0	659'	K.R.E.D	662 FROM (N/S) SEC LINE 173 FROM (E) (M) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-10	Belton Unit
4 1/2" casing cemented to surface Squeezed cement into formation to surface on 04/04/2012	1861	08/25/1987	Plugged	662'	K.R.E.D	644 FROM (NG) SEC LINE 3235 FROM (E) W SEC LINE SEC. 9 T.46 N.R. 33W	AD-9	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	05/27/1999	05/14/1999	0	622'	K.R.E.D	630 FROM (N.S.) SEC LINE 3401 FROM (E) (W) SEC LINE SEC. 9 T.46 N.R. 33W	AD-8	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	12/14/2007	12/12/2007	0	630'	K.R.E.D	251 FROM (N(S) BEC LINE 2513 FROM (E(W) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-7	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	02/19/2008	01/31/2008	0	708'	K.R.E.D	211 FROM (NS) SEC LINE \$1550 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-6	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	06/25/1987	06/21/1987	0	679'	K.R.E.D	220 FROM (N)SSEC LINE 4716 FROM (E) (W) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-5	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	07/16/1987	07/14/1987	0	666'	K.R.E.D.	220 FROM (N) SEC LINE 42.55 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-4	Belton Unit
CONSTRUCTION	DATE	SPUDDED	TYPE	DEPTH	OWNER	1	WELL NO.	LEASE

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	Belt	Belt	Belt	Belt	Belt	Belt	Belt	Dail
Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Belton Unit	Bellon Unit
AD-23	AD-22	AD-21	AD-18	AD-17	AD-16	AD-15	AD-14	AD-13
AD-23 FROM (E) SEC LINE	AD-22 1212 FROM (N) SEC LINE SEC. 9 T.46 NR. 33W	SEC. 9 T. 46 N.R. 33W	300 FROM (19) SEC LINE 300 FROM (19) WY SEC LINE SEC. 9 T.46 N.R. 33W	FROM (P)(W) SEC LINE SEC. 9 T.46 N.R. 33W	AD-16 17725 FROM (E) (A) SEC LINE SEC. 9 T 46 N.R. 33W	10 FROM (N) SEC LINE 10 FROM (E) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-14 3405 FROM (B) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-13 SEC.9 1.46 NR.33W
K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	K.R.E.D	7. X. IT. C.
644'	650'	656'	676.5'	647'	666'	617'	609'	700
0	0	0	0	0	Plugged	0	0	Pagged
09/09/2003	06/13/1999	09/11/2003	01/02/2008	2	07/23/1987	11/13/1989	04/21/1999	12/21/2007
09/11/2003	06/18/1999	09/12/2003	02/26/2008	C	1-1987	11/14/1989	05/13/1999	7/2
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	07/23/1987 U-I987 Squeezed cement into formation to surface on 04/04/2012	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	

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								MO 780-1136 (02-11)
4 1/2" casing cemented to surface	04/16/2008	01/04/2008	-	674.1'	K.R.E.D	ADI-27 530 FROM (N)(S)SEC LINE SEC. 9 T. 46 N.R. 33W	ADI-27	Belton Unit
4 1/2" casing cemented to surface	09/19/2003	09/17/2003	-	650.5'	K.R.E.D	SEC. S	ADI-26	Belton Unit
4 1/2" casing cemented to surface	09/15/2003	09/12/2003	_	651.5'	K.R.E.D	ADI-25 FROM (E) (N) SEC LINE SEC. 9 T. 46 N.R. 33W	ADI-25	Belton Unit
4 1/2" casing cemented to surface	09/17/2003	09/16/2003	_	662'	K.R.E.D	ADI-24 3621 FROM (B)(6) 3EC LINE SEC. 9 T. 46 N.R. 33W	ADI-24	Belton Unit
4 1/2" casing cemented to surface	10/08/2003	10/07/2003	_	654.5'	K.R.E.D	FROM (R)(0) SEC. 9 T. 46	ADI-19	Belton Unit
4 1/2" casing cemented to surface	10/10/2003	10/09/2003	1	651.5'	K.R.E.D		ADI-18	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	07/07/1999	06/18/1999	0	625'	K.R.E.D	40 1 001 00	AD-29	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	07/14/1999	07/08/1999	0	629'	K.R.E.D		AD-28	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	02/06/2008	12/27/2007	0	672.5	K.R.E.D.		AD-24	Belton Unit
CONSTRUCTION	DATE	DATE SPUDDED	TYPE	DEPTH	OWNER	LOCATION	WELL NO.	LEASE

### INSTRUCTIONS

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MO 780-1136 (02-11) Belton Unit ADI-40 ADI-30 FROM (N) SEC LINE ADI-39 ADI-38 ADI-37 ADI-34 ADI-33 ADI-31 3613 FROM (E) SEC LINE ADI-32 WELL NO. 441 FROM (N) S) BEC LINE HD55 FROM (E (W)SEC LINE HSUFROM (E) MSEC LINE STOFROM (E)W) SEC LINE SEC. 9 1760 FROM (N) SEC LINE 489(GFROM (E) SEC LINE HO34 FROM (E) SEC LINE SEC. 9 SEC. 9 SEC. 9 T. 46 N.R. 33W SEC. 9 SEC. 9 SEC. 9 SEC. 9 FROM (N)(S) FROM (N) SEC LINE FROM (N) SEC LINE FROM (N) SEC LINE FROM (N) SEC LINE T. 46 T. 46 N.R. 33W \_T. 46 N.R. 33W LOCATION T. 46 T. 46 T. 46 N.R. 33W T. 46 N.R. 33W N.R. 33W \_ N.R. <u>33W</u> SEC LINE N.R. 33W N.R. 33W K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D OWNER 668.9 618.2 627.7 DEPTH 631 649 663 633' 664 642 TYPE 12/17/2007 12/13/2007 05/27/1999 SPUDDED 12/19/2007 DATE 04/16/2008 04/16/2008 06/04/1999 04/16/2008 1/2" casing cemented to surface CONSTRUCTION

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completion of information, detailing the cement, casing, and subsurface casing information.

								MO 780-1136 (02-11)
Squeezed cement into formation to surface	$\subset$	<u></u>	Plugged	600 est	K.R.E.D	FROM (E)(W) SEC LINE FROM (E)(W) SEC LINE FROM (E)(W) SEC LINE SEC. 16 T 46 N.B. 33W	0Н-8	Belton Unit
Squeezed cement into formation to surface	<u></u>	\	Plugged	600' est	K.R.E.D	(53 FROM (S) SEC LINE (50 SEC LINE (50 SEC LINE SEC. 16 T. 46 N.R. 33W	ОН-7	Belton Unit
Squeezed cement into formation to surface	<	<u></u>	Plugged	600' est	K.R.E.D	919 FROM(N)(S) SEC LINE 511 6 FROM (E)(M) SEC LINE SEC. 16 T. 46 N.R. 33W	0Н-6	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	7	<	0	600' est	K.R.E.D	833 FROM (S) SEC LINE 2124 FROM (E) SEC LINE SEC. 16 T 46 N.R. 33W	OH-5	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	U	<	0	600' est	K.R.E.D	2516 FROM (E) (M) SEC LINE 2516 FROM (E) (M) SEC LINE SEC. 16 T. 46 N.R. 33W	OH-4	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	_	<	0	600' est	K.R.E.D	31 FROM (0/S) SEC LINE 310% FROM (E)(0) SEC LINE SEC. 16 T. 46 N.R. 33W	ОН-3	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	<	<b>C</b>	0	600' est	K.R.E.D	3051 FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W	OH-2	Belton Unit
4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump	<b>C</b>	<b>C</b>	0	600' est	K.R.E.D	3400 FROM (E)(M) SEC. 16 T. 46	OH-1	Belton Unit
4 1/2" casing cemented to surface	<	∠	_	600' est	K.R.E.D.		ADI-41	Belton Unit
CONSTRUCTION	DATE	DATE SPUDDED	TYPE	DEPTH	OWNER		NO.	LEASE

### NSTRUCTIONS

completion of information, detailing the cement, casing, and subsurface casing information. the following: lease name, well number, location, owner, depth in feet, type of well (Oil = O, Gas = G, Water = W, Injection = I, Strat Test = S, Unknown = U, Other In the grid below, place the descriptions of area of review wells (1/2 mile radius around well) of public record that penetrate the proposed injection zone. Complete specify), date spudded, date completed, and construction of the well. Give a brief but accurate description of the well's construction including all plugging and/or

MO 780-1136 (02-11) Clark-Berry Clark-Berry Clark-Berry Clark-Berry Clark-Berry Belton Unit Belton Unit Belton Unit Belton Unit LEASE CBI-1 CB-4 CB-3 CB-2 CB-1 **UK-3** UK-2 OH-9 UK-1 WELL NO. FROM (E)(W)SEC LINE POSD FROM (N)(S) SEC LINE SEC. 16 T. 46 N.R. 33W 52-160 FROM (N)(S) SEC LINE DOM FROM (E)(N) BEC LINE SEC. 16 T. 46 N.R. 33W FROM (N) SEC LINE SEC. 16 SEC. 16 T. 46 N.R. 33W 50) FROM (E) (V) SEC LINE FROM(N)(S) SEC LINE FROM (N) SEC LINE FROM (E) SEC LINE SEC. 16 T. 46 N.R. 33W 1300 FROM (M) SEC LINE SEC. 16 530 FROM (N) SEC LINE SEC. 16 FROM (N)(S) SEC LINE т. 46 \_\_\_T. <u>46</u>\_\_ N.R. <u>33W</u> \_T. 46 LOCATION T. 46 T. 46 N.R. 33W N.R. 33W N.R. 33W N.R. 33W K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D K.R.E.D. 600' est 619 629 625' 625 DEPTH 625  $\subset$  $\subset$  $\subset$ Plugged TYPE 0 0 0 0 0 0 0 03/22/1999 03/25/1999 03/22/1999 03/30/1999 DATE SPUDDED 03/25/1999 04/02/1999 03/30/1999 DATE COMPLETED 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 4 1/2" casing cemented to surface 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump 2 7/8" with 1" tubing and insert pump 2 7/8" with 1" tubing and insert pump 4 1/2" casing cemented to surface 2 3/8" tubing 3/4" rods and insert pump Squeezed cement into formation to surface CONSTRUCTION

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																						2 310			Clark-Berry CBI-2		LEASE WELL	
1	FROM (E)(W) SEC LINE	FROM (N)(S) SEC LINE	SECTN.R	FROM (E)(W) SEC LINE	FROM (N)(S) SEC LINE	SECTN.R	FROM (E)(W) SEC LINE	FROM (N)(S) SEC LINE	SECTN.R	FROM (E)(W) SEC LINE	FROM (N)(S) SEC LINE	SECTN.R	FROM (E)(W) SEC LINE	FROM (N)(S) SEC LINE	SECTN.R	FROM (E)(W) SEC LINE	FROM (N)(S) SEC LINE	SECTN.R	FROM (E)(W) SEC LINE	FROM (N)(S) SEC LINE	SECTN.R	FROM (E)(W) SEC LINE	FROM (N)(S) SEC LINE	SEC. 16 T. 46 N.R. 33W	82	FROM (N)(S) SEC I INF	LOCATION	
																									K.R.E.D.		OWNER	-
										1												ì			634'		DEPTH	
																									_		TYPE	
																									04/02/1999	0.0000	DATE	
																									04/07/1999	COMPLETED	DATE	
																									4 1/2" casing cemented to surface		CONSTRUCTION	

Instructions
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	_		0	-	8			
LEASE	WELL.	LOCATION	OWNER	DEPTH	TYPE	DATE SPUDDED	DATE COMPLETED	CONSTRUCTION
Belton Unit	R-26	371/FROM E)W) SEC LINE	K.R.E.D	643'	Plugged	03/08/2012	No+	Set 21 feet of 8 5/8" surface pipe  Squeezed cement from 643" to surface to plug well on  04/17/2012
Belton Unit	R-27	3 01	K.R.E.D	700'	0	04/06/2012		685' of 2 7/8" casing cemented to surface
		SEC 16 T. 46 N.R. 33W				and the state of t		
		HYS FROM (N)(S) SECLINE					The second secon	656' of 2 7/8" casing cemented to surface
Belton Unit	R-28	3514FROM (E)(W) SEC LINE	K.R.E.D	681'	0	04/10/2012		One of the case of control section of the control of the case of t
		SEC. 16 T. 46 N.R. 33W						
		446 FROM (N)(6) SECLINE						740' of 4 1/2" casing competed to surface
Belton Unit	R-29	THE FROM (E)(W) SEC LINE	K.R.E.D	750'	0	03/24/2012	ence de l'accepte de	140 OLT ILZ CASHING CERTELIEU (O SULIDOCE
		SEC. 16 T. 46 N.R. 33W					***************************************	
Belton Unit	R-30	1174 FROM (E)W) SEC LINE	K.R.E.D.	750'	0	03/23/2012	***************************************	697' of 4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W					4	
Belton Unit	R-31	170 FROM (E)(W) SEC LINE	K.R.E.D	750'	0	03/27/2012	04/27/2012	740' of 4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W						
Belton Unit	R-32	189 FROM (E)(W) SEC LINE	K.R.E.D.	750'	0	03/14/2012	Not Not	743' of 4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W					Contraction	
Belton Unit	R-33	TO FROM (B)(W) SEC LINE	K.R.E.D.	700'	0	03/21/2012		663' of 4 1/2" casing cemented to surface
		SEC. 16 T. 46 N.R. 33W						
Belton Unit	R-36	14 34 FROM (EXW) SEC LINE	K.R.E.D	760'	0	04/02/2012		733.5' of 4 1/2" casing cemented to surface
The state of the s		SEC. 16 T. 46 N.R. 33W					+	
MO 780-1136 (02-11)								

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LEASE   WILL   LOCATION   OWNER DEPTH   TYPE   SOUTE   COMPLETED   CONSTRUCTION		6					SEC. 9 T. 46 N.R. 33W		MO 780-1136 (02-11)
WILL   LOCATION	741' of 4 1/2" casing cementer		04/03/2012	0	760'	K.R.E.D.		AD-33	Belton Unit
NO.   COATION	745' of 4 1/2" casing cemented		04/06/2012	0	760'	K.R.E.D.	18/11/0 FROM (E) W) SEC. 9 T. 46	AD-32	Belton Unit
NO.   LOCATION   OWNER   DEPTH   TYPE   SPUDDED   COMPLETED	688' of 2 7/8" casing cemented		04/12/2012	0	701'	K.R.E.D.	234 DEROM (E)W) SEC LINE SEC. 9 T. 46 N.R. 33W	AD-3	Belton Unit
WELL   LOCATION   OWNER   DEPTH   TYPE   SPUDDED   COMPLETED	741' of 4 1/2" casing cemented to		03/30/2012	0	760'	K.R.E.D.	147 VEROM (E)(W	AD-27	Belton Unit
NO.   LOCATION	745' of 4 1/2" casing cemented to		04/05/2012	0	770'	K.R.E.D	1900FRO	AD-26	Belton Unit
WELL   LOCATION   OWNER   DEPTH   TYPE   SPUDDED   COMPLETED	740'	Compa	03/29/2012	0	760'	K.R.E.D	1520 FROM (N)(6) 1801 FROM (EXW) SEC. 9 T. 46	AD-20	Belton Unit
WELL   LOCATION   OWNER   DEPTH   TYPE   SPUDDED   COMPLETED	739'	04/27/2012	03/28/2012	0	760'	K.R.E.D.	115'1 FROM (N) SEC LINE 2 10'S (4 FROM (E) (M) SEC LINE 38EC. 9 T. 46 N.R. 33W	AD16-	Belton Unit
WELL   LOCATION   OWNER   DEPTH   TYPE   SPUDDED   COMPLETED	737'	04/27/2012	03/12/2012	0	750'	K.R.E.D.	2 534 FROM (NS) SEC LINE 2 534 FROM (E)(W) SEC LINE 33W	AD11-	Belton Unit
WELL LOCATION OWNER DEPTH TYPE SPUDDED COMPLETED	741	too +		0	760'	K.R.E.D.	150 FROM (E) (W) SEC. 9 T. 46	AD 9-	Belton Unit
		DATE	DATE SPUDDED	TYPE	DEPTH	OWNER		WELL NO.	LEASE

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MO 780-1136 (02-11) Belton Unit AD-34 WELL NO. SEC. 9 SEC SEC 107 W FROM (N)(S)SEC LINE FROM (N)(S) SEC LINE FROM (E)(W) SEC LINE FROM (N)(S) SECLINE FROM (E)(W) SEC LINE FROM (N)(S) SEC LINE FROM (N)(S) SEC LINE FROM (N)(S) SEC LINE FROM (E)(W) SEC LINE FROM (N)(S) SECLINE FROM (E)(W) SEC LINE FROM (N)(S) SEC LINE FROM (E)(W) SEC LINE FROM (E)(W) SEC LINE FROM (E)(W) SEC LINE FROM (E)(W) SEC LINE FROM (N)(S) SEC LINE T. 46 N.R. 33W LOCATION N.R. N.R. N.R N.R. N.R. Z N.R. K.R.E.D OWNER DEPTH 700' TYPE 0 05/04/2012 DATE Cumpte to 201 COMPLETED 686' of 2 7/8" casing cemented to surface CONSTRUCTION

### AFFIDAVIT OF PUBLICATION

(Space above for recording information)

STATE OF MISSOURI COUNTY OF CASS

SS.

I, Janis Anslinger, being duly sworn according to law, state that I am the Classified Ad Manager of the Cass County Democrat-Missourian, a weekly newspaper of general circulation in the County of Cass, State of Missouri, where located; which newspaper has been admitted to the Post Office as periodical class matter in the City of Harrisonville, Missouri, the city of publication; which newspaper has been published regularly and consecutively for a period of three years and has a list of bonafide subscribers, voluntarily engaged as such who have paid or agreed to pay a stated price for a subscription for a definite period of time, and that such newspaper has complied with the provisions of Section 493.050, Revised Statutes of Missouri 2000, and Section 59.310, Revised Statutes of Missouri 2000. The affixed notice appeared in said newspaper in the following consecutive issues: 14 Insertion: Vol. 132 No. 29. 4 day of May 20 12

24 Insertion: Vol	No	day of	20
3 <sup>3</sup> Insertion: Vol	No	day of	20
4º Insertion: Vol.	No	day of	20
5ª Insertion: Vol	No.	day of	20
	Janie	Dusle	ugle
	Jamis An	slinger, Classified	Ad Manage

Subscribed and sworp to before me on this Ith day of

Kansar Properties Implication & Development, LLC, 1393 W 110<sup>th</sup> St., Ste. 500, Overland Park, VS 66210, has applied for 30 miection well permit to be drilled to an approximate depth of 650 feet. Wate will be injected into the inquired handstone formation for an Enthanced Usi Accovery Project at the following strations.

##W-41 S. 1851 from 5 ine/4307 from 6 fine Section 16, Township A6N, Range 33W RRW-42 S. 1851 from 5 ine/512 from 6 ine. Section 16 from this A6N, Range 33W RRW-43 A.702 from 5 ine/3175 from 6 ine. Section 16. Township A6N, Range 33W RRW-44 A.6655 from 5 ine/3175 from 6 ine. Section 16. Township A6N, Range 33W RRW-44 A.6655 from 5 ine/3175 from 6 ine. Section 16. Township A6N, Range 33W RRW-44 A.6655 from 5 ine/3185 from 6 ine.

ARW-43 5.145\* from Sine/328\* from Eine, Section 15, Township 46N, Range 33W
ARW-43 4.702\* from Sine/3.175\* from Eine, Section 15, Township 46N, Range 33W
ARW-44 4.665\* from Sine/3.185\* from Eine, Section 15, Township 46N, Range 33W
ARW-44 4.665\* from Sine/3.186\* from Eine, Section 15, Township 46N, Range 33W
ARW-45 4.261\* from sine/3.175\* from Eine, Section 16, Township 46N, Range 33W
ARW-46 4.265\* from Sine/2.1713\* from Eine, Section 16, Township 46N, Range 33W
ARW-47 4.262\* from Sine/2.713\* from Eine, Section 16, Township 46N, Range 33W
ARW-49 4.091\* from Sine/2.713\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.693\* from Sine/2.713\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.693\* from Sine/2.713\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.693\* from Sine/2.240\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.695\* from Sine/2.280\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.695\* from Sine/2.280\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.695\* from Sine/2.280\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.157\* from Sine/2.280\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.157\* from Sine/2.280\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.157\* from Sine/2.280\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.157\* from Sine/2.280\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.157\* from Sine/2.580\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.157\* from Sine/2.580\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.157\* from Sine/2.580\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.158\* from Sine/2.580\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.158\* from Sine/2.580\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.158\* from Sine/2.580\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.158\* from Sine/2.580\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.158\* from Sine/2.580\* from Eine, Section 16, Township 46N, Range 33W
ARW-50 4.158\* from

Written contributes or requests for additional information regarding such wells should be directed within officers (15) days of this notice to the address below.

State Geologist Missouri Dil & Gas Council P. G. Box 250 Rolla, MO 65403

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JULIE M. HICKS
Notary Public, Notary Seal
State of Missouri
Cass County
Commission # 09727108
My Commission Expires June 12, 2013